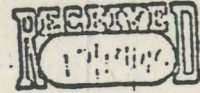


Monsanto

B2-093



H-E

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

December 11, 1975

Mr. Earl J. Stephenson
Director, Enforcement Division
Environmental Protection Agency
1735 Baltimore
Kansas City, Missouri 64108

Dear Mr. Stephenson:

Attached is a response to the questionnaire which accompanied
Mr. Stanley Legro's letter dated October 17, 1975.

To the best of my knowledge and belief, the information contained
in this response represents the best information available to Monsanto.

If I can be of further assistance, please let me know.

Sincerely,

W. B. Papageorge
Manager, Product Acceptability
Process Chemicals Division

ajt

Attachment

CC: Mr. Stanley W. Legro
US Environmental Protection Agency
401 "M" Street, SW
Washington, D.C. 20460

NOTE - BEST

AVAILABLE COPY!

length of full doc.
in docket: 360 pp

890-28

POLYCHLORINATED BIPHENYL (PCB) COMPOUNDS OR MIXTURES

In this response the phrase "PCB compound or mixture" includes those materials listed under Base Products in Exhibit A.

1. (a) Monsanto Industrial Chemicals Company does not import PCB compounds or mixtures. Amounts produced for 1971, 1972, 1973, 1974 and the first three quarters of 1975 are included in Exhibit C.

(b) Production facilities:

For 1971 and 1972

Monsanto Company
Box 249
Anniston, Alabama 36201

For 1971 to present

Monsanto Company
Route 3
Sauget, Illinois 62201

The amounts produced at the Anniston, Alabama plant are shown on Exhibit D. The Sauget, Illinois unit produced the amounts shown on Exhibit E. Wholesale and retail outlets are not used.

- (c) See Exhibit F for 1971, Exhibit G for 1972, Exhibit H for 1973 and 1974 and Exhibit I for 1975. The PCB compounds or mixtures from the Anniston, Alabama facility are listed in Exhibit D. The remaining were shipped from the Sauget, Illinois facility.
2. (a) See Exhibit A - pages 2, 3 and 4 and Exhibit B.
 - (b) See Exhibit A - pages 2, 3 and 4.
 - (c) The PCB compounds or mixtures used were produced by Monsanto. See 1(b).
 - (d) Production facilities are those shown under 1(b) and for 1971 and 1972 also included Monsanto Company, 1700 South Second Street, St. Louis, Missouri 63177. Products distributed through Monsanto's Anniston, Alabama unit are shown on Exhibit D. All Pydraul products were distributed through the St. Louis, Missouri facility. Remainder of products distributed through the Sauget, Illinois unit. Amounts distributed are shown on the exhibits listed in 2c below.

- (e) See Exhibit F for 1971, Exhibit G for 1972, Exhibit H for 1973 and 1974 and Exhibit I for 1975. The products obtained from the Anniston, Alabama facility are listed in Exhibit D. The Pydraul products originated at the St. Louis, Missouri unit. The remaining were shipped from the Sauget, Illinois facility. We do not manufacture consumer products containing PCB compounds or mixtures.
3. (a) During 1971 and 1972 PCB compounds or mixtures were used as heat transfer fluids, hydraulic fluids and in transformers and capacitors. During the latter part of 1972, 1973, 1974 and 1975 PCB compounds or mixtures are only present in transformers and capacitors.
- (b) See Exhibit J. Amounts shown are for total Monsanto Company usage. No records are available to determine specific company facility. Inerteen was used in transformers. Pydrauls in air compressors. Therminols in industrial heat transfer systems.
- (c) The PCB products were all produced by Monsanto Company. The specific sources are shown on Exhibit J.
4. PCB compounds or mixtures are not reclaimed.
5. (a) During 1971 and 1972 solid waste material contaminated with PCB compounds or mixtures were buried in a secure landfill located within a fenced area on property owned by Monsanto Company at the Anniston, Alabama facility. Similar waste has also been buried in a secure landfill located on Monsanto Company property at the Sauget, Illinois facility during the period 1971 - 1975. Liquid wastes have been disposed by incineration for the period 1971 - 1975 in a high temperature unit located at the Sauget, Illinois facility. During 1975 solid waste was sent to Texas Ecologists, P. O. Box 307, Robstown, Texas 78380.
- (b) Waste materials containing PCB compounds or mixtures are received from many sources. The type of PCB compound or mixture in the waste is unknown. The concentration is also unknown. Solid waste is estimated as containing levels ranging from the ppm level to 50% by weight. Liquid waste is estimated to contain about 90% PCB compound or mixture.
- For amounts disposed see Exhibit K. Note the amounts shown refer to the total weight of waste. The actual PCB content is unknown.
- (c) See Exhibit K for total waste disposed. Concentration and type of PCB compound or mixture are unknown.

- (d) See Exhibit L. Total amounts of waste are shown. Concentration and type of PCB compound or mixture are unknown.
- (e) See 5a for name and location. See Exhibit K for amount disposed.
- 6. See Exhibit A. Monsanto Company does not import or reclaim PCB compounds or mixtures. Composition of disposed material is unknown but can range from ppm level to 100% by weight PCB.
- 7. (a) See Exhibit M for Sauget, Illinois facility waste effluent analyses. See Exhibit N for Anniston, Alabama facility water effluent analyses. For PCB emissions to the atmosphere at the Sauget, Illinois facility see Exhibit O. Analyses of air emissions were not made at the Anniston, Alabama facility.
- (b) See Exhibits M, N and O.
- (c) No information is available regarding the Anniston, Alabama facility. No information is available relating to PCB concentration in the air in the area of the Sauget, Illinois facility. Samples of the Mississippi River were taken in 1972. Results were as follows:

<u>*Sample Date</u>	<u>Location</u>	<u>mg/l PCB</u>
10/30/72	T.B. Bridge (downstream)	0.00012
12/13/72	Chain of Rocks Bridge (upstream)	0.0002 - 0.0004
12/12/72	N. of Ill. River (upstream)	0.0002 - 0.0004

*Analytical blank value at 0.00005-0.00017

- 8. (a) PCB compounds or mixtures are liquids and are transported in bulk or in steel drums.
- (b) See Exhibit P for transporters of PCB compounds or mixtures from Monsanto facilities. Transporters of material returned for disposal can be any common carrier serving the St. Louis, Missouri area.

9. Monsanto Company is not aware of any occasion in which PCB compounds or mixtures were introduced into the environment which is not already known to representatives of the Environmental Protection Agency. Examples include the contamination of fish meal in North Carolina, the drainage of fluid from a transformer in transit in Tennessee and the leakage of fluid from a damaged transformer in the Duwamish waterway in Washington.
10. Monsanto Company is not aware of any health or environmental effects resulting from the introduction of PCB compounds or mixtures into the environment which has not been reported in the scientific and popular press and already known to representatives of the Environmental Protection Agency.
11. (a) Monsanto Company has received reports that about 1800 drums of PCB compounds or mixtures are being offered by a company located in the northeastern U.S. for sale for any application. This information was received from Mr. Robert Laham, Hub Fabric Leather Company, 7 Charlton Street, Everett, Massachusetts 02149. This has been discussed with a representative of the Environmental Protection Agency.

Recently Pyramid Chemical Sales Company, 1035 Virginia Drive, Fort Washington, Pennsylvania 19034 has advertised the availability for any application of Aroclor 1221, Aroclor 1232 and Arclor 5460. A representative of the Environmental Protection Agency has been informed.

EXHIBIT A

POLYCHLORINATED BIPHENYL AND POLYCHLORINATED TERPHENYL PRODUCTS

MONSANTO INDUSTRIAL CHEMICALS COMPANY

1971 - 1975

Base Products

Aroclor 1016		
Polychlorinated biphenyls (41.3% chlorine by weight)		100%
Aroclor 1221		
Polychlorinated biphenyls (21% chlorine by weight)		100%
Aroclor 1232		
Polychlorinated biphenyls (32% chlorine by weight)		100%
Aroclor 1242		
Polychlorinated biphenyls (42% chlorine by weight)		100%
Aroclor 1248		
Polychlorinated biphenyls (48% chlorine by weight)		100%
Aroclor 1254		
Polychlorinated biphenyls (54% chlorine by weight)		100%
Aroclor 1260		
Polychlorinated biphenyls (60% chlorine by weight)		100%
Aroclor 1262		
Polychlorinated biphenyls (62% chlorine by weight)		100%
Aroclor 5060		
Polychlorinated terphenyls (60% chlorine by weight)		100%
Aroclor 5432		
Polychlorinated terphenyls (32% chlorine by weight)		100%
Aroclor 5442		
Polychlorinated terphenyls (42% chlorine by weight)		100%
Aroclor 5460		
Polychlorinated terphenyls (60% chlorine by weight)		100%

Hydraulics/Lubricants

Pydraul AC-A		
Aroclor 5432		53.5%
Pydraul AC-A Winter Grade		
Aroclor 5442		14.0%

Pydraul A-200	
Aroclor 1242	33.3%
Aroclor 1248	66.7%
Pydraul A-200B	
Aroclor 5432	30.0%
Pydraul F-9A	
Aroclor 5432	39.5%
Pydraul 135	
Aroclor 1232	9.5%
Aroclor 1242	36.5%
Pydraul 135A	
Aroclor 5432	27.8%
Pydraul 150	
Aroclor 1242	23.0%
Pydraul 150A	
Aroclor 5432	14.8%
Pydraul 230	
Aroclor 1221	3.0%
Aroclor 1242	54.7%
Pydraul 230A	
Aroclor 5432	29.3%
Pydraul 312	
Aroclor 1242	47.3%
Pydraul 312A	
Aroclor 5432	31.1%
Pydraul 540A	
Aroclor 1242	38.8%
Aroclor 5442	15.7%
Pydraul 540B	
Aroclor 5432	42.0%
Pydraul 625A	
Aroclor 5432	60.0%
Santovac 1	
Aroclor 1248	100.0%
Santovac 2	
Aroclor 1254	100.0%

Hydraulics/Lubricants (cont'd)

Turbinol 153	
Aroclor 1221	6.4%
Aroclor 1242	81.5%

Heat Transfer Fluids

Therminol FR-O	
Aroclor 1242	80.0%

Therminol FR-O Low Temperature	
Aroclor 1242	50.0%

Therminol FR-1	
Aroclor 1242	100.0%

Therminol FR-2	
Aroclor 1248	100.0%

Therminol FR-3	
Aroclor 1254	100.0%

Transformer and Capacitor Fluids

Capacitor 21	
Aroclor 1221	100.0%

Inerteen PPO	
Aroclor 1260	60.6%

Inerteen 70-30	
Aroclor 1254	70.0%

Inerteen 100-42	
Aroclor 1242	100.0%

Inerteen 54201 A9	
Aroclor 1242	65.0%

Inerteen 54201 CM	
Aroclor 1242	99.9%

Inerteen 54201 KA	
Aroclor 1254	70.0%

Inerteen 54201 KJ	
Aroclor 1221	32.5%
Aroclor 1016	32.5%

MCS 1429	
Aroclor 1016	90.0%

EXHIBIT B

PRODUCTS CONTAINING POLYCHLORINATED BIPHENYLS
AND/OR POLYCHLORINATED TERPHENYLS
SOLD IN 1971

Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1262
Aroclor 4465
Aroclor 5060
Aroclor 5432
Aroclor 5442
Aroclor 5460
Aroclor 6037
Aroclor 6040
Aroclor 6050
Aroclor 6062
Aroclor 6070
Aroclor 6090

Capacitor 21

Inerteen PFO
Inerteen 70-30
Inerteen 100-42
Inerteen 54201 A9
Inerteen 54201 CF
Inerteen 54201 CM
Inerteen 54201 KA
Inerteen 54201 KJ
Montar 5

Pydraul AC-A
Pydraul AC-A Winter Grade
Pydraul A 200
Pydraul A 200B
Pydraul F-9A
Pydraul 135
Pydraul 135A
Pydraul 150-A
Pydraul 230
Pydraul 230A
Pydraul 312
Pydraul 312A
Pydraul 540A
Pydraul 540B
Pydraul 625A

Transformer and Capacitor Fluids (cont'd)

Pyranol A13B1 (also Pyranol 1476)	
Aroclor 1254 electrical grade	100.0%
Pyranol A 13B 3B	
Aroclor 1260	45.0%
Pyranol A13B 3B-2	
Aroclor 1254	45.0%
Pyranol A13B 3B-3	
Aroclor 1254	60.0%

Plasticizer Applications

Aroclor 6037	
Aroclor 5460	37.0%
Aroclor 1221	63.0%
Aroclor 6040	
Aroclor 5460	40.0%
Aroclor 1221	60.0%
Aroclor 6050	
Aroclor 5460	50.0%
Aroclor 1221	50.0%
Aroclor 6062 (10% Xylene)	
Aroclor 6062	90.0%
Aroclor 6062	
Aroclor 5460	62.0%
Aroclor 1221	38.0%
Aroclor 6070 (10% Xylene)	
Aroclor 6070	90.0%
Aroclor 6070	
Aroclor 5460	70.0%
Aroclor 1221	30.0%
Aroclor 6090	
Aroclor 5460	90.0%
Aroclor 1221	10.0%
Aroclor 4465	
Aroclor 1262	50.0%
Aroclor 5460	50.0%
Montar 5	
Polychlorinated polyphenyl residue	100.0%

1971 (Cont'd)

Pyranol A13 B3B

Santovac 1
Santovac 2

Therminol FR-0
Therminol FR - Low Temp.
Therminol FR-1
Therminol FR-2
Therminol FR-3

Turbinol 153

PRODUCTS CONTAINING POLYCHLORINATED BIPHENYLS
AND/OR POLYCHLORINATED TERPHENYLS

SOLD IN 1972

Aroclor 1016
Aroclor 1221
Aroclor 1242
Aroclor 1254
Aroclor 5432
Aroclor 6037

Capacitor 21

Inerteen PPO
Inerteen 70-30
Inerteen 100-42
Inerteen 54201 CM
Inerteen 54201 KA
Inerteen 54201 KJ

Pydraul AC-A
Pydraul AC-A Winter Grade
Pydraul A-200B
Pydraul F-9A
Pydraul 135A
Pydraul 150A
Pydraul 230A
Pydraul 312A
Pydraul 540B
Pydraul 625A

Pyranol A13 B1
Pyranol A13 B3B
Pyranol A13B 3B-2

Santovac 2

Therminol FR-1

PRODUCTS CONTAINING POLYCHLORINATED BIPHENYLS

AND/OR POLYCHLORINATED TERPHENYLS

SOLD IN 1973

Aroclor 1016
Aroclor 1242
Aroclor 1254
Capacitor 21
Inerteen 70-30
Inerteen 100-42
Inerteen 54201 CM
Inerteen 54201 KA
Inerteen 54201 KJ
MCS 1489
Pyranol A13B1
Pyranol A13B 3B
Pyranol A13B 3B-2
Pyranol A13B 3B-3

PRODUCTS CONTAINING POLYCHLORINATED BIPHENYLS
AND/OR POLYCHLORINATED TERPHENYLS
SOLD IN 1974

Aroclor 1016
Aroclor 1242
Aroclor 1254
Capacitor 21
Inerteen 70-30
Inerteen 100-42
Inerteen 54201 OM
Inerteen 54201 KA
MCS 1489
Pyranol A13B1
Pyranol A13B 3B-2
Pyranol A13B 3B-3

PRODUCTS CONTAINING POLYCHLORINATED BIPHENYLS
AND/OR POLYCHLORINATED TERPHENYLS
SOLD IN 1975

Aroclor 1016
Aroclor 1254
Capacitor 21
Inerteen 70-30
Inerteen 100-42
Inerteen 54201 CM
Inerteen 54201 KA
Inerteen 54201 KJ
MCS 1489
Pyranol A13B1
Pyranol A13B 3B-3

EXHIBIT C

REVISED 12/22/75

SEE A HAD - REVISED COPY

PRODUCTS CONTAINING POLYCHLORINATED

BIPHENYLS AND/OR POLYCHLORINATED

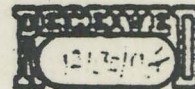
TERPHENYLS

PRODUCTION

(Thousands of Pounds)

<u>Product</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>YTD Thru</u> <u>Sept. 1975</u>
Aroclor 1016	6299	22334			
Aroclor 1221	2781	403			
Aroclor 1232	237	-			
Aroclor 1242	23700	7228			
Aroclor 1248	1139	-			
Aroclor 1254	8782	9171			
Aroclor 1260	2479	3			
Aroclor 5060	387	-			
Aroclor 5432	6220	1272			
Aroclor 5460	13983	6861			
Montar 5	<u>4905</u>	<u>1879</u>			
	70912	49151			

Monsanto



MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

December 22, 1975

Beane
OTS
Copy 1/27

Mr. Earl J. Stephenson
Director, Enforcement Division
Environmental Protection Agency
1735 Baltimore
Kansas City, Missouri 64108

Dear Mr. Stephenson:

I have carefully reviewed the information I forwarded to you on December 11 and have the following corrections, additions and comments to offer.

- 1(a) Exhibit C which was sent to you was not complete. A revision is attached.
- 1(c) Note that Exhibit I is for the period ending June, 1975. All quantities shown for the months July thru December in this report are for 1974.
- 2(a) In Exhibit A, I grouped the PCB products by application. I did not intend to imply that the materials listed under Base Products were not distributed "as is" to these applications.

Base Products were sold directly to the following uses:

Transformer and Capacitor Fluids

Aroclor 1016
Aroclor 1242
Aroclor 1254
Aroclor 1260

Plasticizer Applications

Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1262
Aroclor 5060
Aroclor 5432
Aroclor 5442
Aroclor 5460

- 2(d) Products distributed thru Monsanto's Anniston, Alabama unit included the Aroclor 6000 series as well as those shown on Exhibit D.
- 2(e) See comment 1(c) above regarding Exhibit I. See comment 2(d) above regarding products from the Anniston, Alabama facility.
- 5(b) Exhibit K has been revised to correctly reflect proper breakdown. Totals are not changed.
- 5(d) Exhibit L has been revised to show accurate totals.
- 7(a) Water effluent from the Sauget, Ill. facility is discharged to the Municipal Treatment Plant.
- 8(a) The majority of the PCB components or mixtures and the products we make using PCB components or mixtures are liquids and are transported in bulk or in steel drums as I indicated previously. Bulk shipments are made in railroad tank cars and tank trucks in every case. Tank truck deliveries involved customer pickup. Two products which we formerly manufactured were solids. These were Aroclor 5460 and Montar 5. Aroclor 5460 was shipped in 100# multiwall paper bags. Montar 5 was shipped in 40 gallon fiber drums.

I hope you find this information helpful. If I can be of further service, please let me know.

Sincerely,

W.B. Papageorge
W. B. Papageorge
Manager, Product Acceptability
Process Chemicals Division

CC:



U. S. Environmental Protection Agency
401 "M" Street, SW
Washington, D.C. 20460

EXHIBIT C

(REVISED)

PRODUCTS CONTAINING POLYCHLORINATED

BIPHENYLS AND/OR POLYCHLORINATED

TERPHENYLS

PRODUCTION

(Thousands of Pounds)

<u>Product</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>YTD Thru Sept. 1975</u>
Aroclor 1016	6299	22334	27159	25085	10350
Aroclor 1221	2781	403	52	79	-
Aroclor 1232	237	-	-	-	-
Aroclor 1242	23700	7228	6039	6925	5120
Aroclor 1248	1139	-	64	-	-
Aroclor 1254	8782	9171	8864	8029	6980
Aroclor 1260	2479	3	-	-	-
Aroclor 5060	387	-	-	-	-
Aroclor 5432	6220	1272	-	-	-
Aroclor 5460	13983	6861	-	-	-
Montar 5	<u>4905</u>	<u>1879</u>	<u>-</u>	<u>-</u>	<u>-</u>
	70912	49151	42178	40118	22450

EXHIBIT D

PRODUCTS CONTAINING POLYCHLORINATED
BIPHENYLS AND/OR POLYCHLORINATED
TERPHENYLS

PRODUCTION - ANNISTON, ALABAMA*

(Thousands of Pounds)

<u>Product</u>	<u>1971</u>	<u>1972</u>
Aroclor 1221	1962	--
Aroclor 5060	387	-
Aroclor 5432	6220	1272
Aroclor 5460	13983	6861
Montar 5	4905	1879

ALSO AROCLOR 600 SERIES

*production terminated in 1972

EXHIBIT E

PRODUCTS CONTAINING POLYCHLORINATED
BIPHENYLS AND/OR POLYCHLORINATED
TERPHENYLS

Production - Sauget, Illinois

(Thousands of Pounds)

<u>Product</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>YTD Thru</u> <u>Sept. 1975</u>
Aroclor 1016	6299	22334	27159	25085	10350
Aroclor 1221	819	403	52	79	-
Aroclor 1232	237	-	-	-	-
Aroclor 1242	23700	7228	6039	6925	5120
Aroclor 1248	1139	-	64	-	-
Aroclor 1254	8782	9171	8864	8029	6980
Aroclor 1260	2479	3	-	-	-

- IN THOUSANDS OF POUNDS AND DOLLARS -

112 ACOW 61

POTENTIAL	NAME OF PRODUCT/CUSTOMER	POTENTIAL	PAST YEAR SALES	SALES FOR CURR YEAR	SALES CURR YTD	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	COST 1971 MAR. QTD CR.
	10 HEAT TRANSFER DR.C.PATON																	
	THERMIGEL FR-0															00377A		6145-000-10
1131	ALCAN ALUMINUM FAIRMONT W VA				1.20	1.20												00183160
1132	BILDER CORP CHICAGO IL		.120															10003964
1252	CHEM FLOW CORP LITTLE FALLS NJ		.160															00236961
1252	CHEM COMPANY THOMASTON ME		3.40		3.00						3.00							00240478
1232	COLUMBIA GULF TRANS HAMPSHIRE TN	25.0	4.20	5.00														00233092
1232	DOM PARISCHE ANDERSON SC				.120													00114572
1152	DOM CORNING WENLOCK MI	3.00	42.4	3.00	1.20							1.20						00225098
1252	E I DU PONT DE NEMO ORANGE TX				16.8						16.8							10024064
1176	DURIRON COMPANY DAYTON OHIO		.460		.300		.120				.240							10024397
1252	ENGELHARD INDUSTRIES NEWARK NJ	.900	.600	.900	.600		.600											00117706
1252	FMC CORPORATION LUMISTOWN PA	1.00		1.00	36.0							24.0			12.0			10020892
1232	FMC CORP FRONT ROYAL VA	10.0	61.8	10.0	15.3			5.72		4.80				2.40			2.40	10029914
	PARENT CUST. TOT-FMC CORP SAN JO	11.0	61.8	11.0	51.3			5.7		4.8		24.0		2.4	12.0		2.4	10029922
1252	FORLER MACHINE SANTA ANA CALIF	10.0	7.20	10.0														00212296
1270	INIL FUELING BEDFORD MA				1.20							1.20						00260614
1252	JANE COMPANY ALTAVISTA VA	1.00	7.20	1.00	4.27				1.27		1.00				1.20			10045363
1252	LEE METAL PROD ARLINGTON TX				.600						.600							00257900
1134	MINNESOTA MIN & MA ROSEVLL MN	.240	.240	.240														00182589
1032	CHEMSTRAND RES CTR DURHAM NC				.120						.120							10015979
1134	MURPHY OIL EL DORADO AR				12.7			12.7										00049220
1234	MURPHY OIL CORP RHINE WISCONSIN	4.80		4.80	12.0					6.00			6.00					00220914
	PARENT CUST. TOT-MURPHY OIL EL D	4.80		4.80	24.7			12.7		6.0			6.0					00049220
1252	PENNYALT CO KING OF PRUSSIA PA				1.00									.600	.600	.600		10061547
1134	POLING C BACON RHINELANDER MI		33.9				12.7	12.7										00238511
1252	POLYMER CORP READING PA		.480		.360		.240								.120			10063543
1252	REICHHOLD CHEM ELIZABETH NJ	1.00	2.40	1.00	1.20											1.20		10067081
1252	SCHILOWACHTER OIL CO BRONX NY	5.00		5.00														00157190
1252	SIRESEARCH INC CO TORRANCE CAL				7.20	7.20												10001501
1274	SUN OIL CO TUKAWA OKLAHOMA	2.00	3.60	2.00	3.60											3.60		00156103
1252	SUN OIL CO FAIRFIELD TX	.600	1.20	.600	.635			.635										10077028
	PARENT CUST. TOT-SUN OIL COMP PH	2.60	4.80	2.60	4.24			.64										00049663
1132	TEGUSSEN PRODUCTS MARION OHIO	1.00	2.40	1.00	5.40						2.40		1.20				1.80	00198599
1132	TRANS-LINE INC CHANUTE KS		1.32															00227404
1252	GOALS UNASGND FOR BK THRU 1252	20.0		20.0														00165565
1131	GOALS UNASGND FOR BK THRU 1131	20.0		20.0														00165501

REST OF DOCUMENT CONSISTS OF SWEET LISTS - TO EXHIBIT J

FOR JUNE 1975

HICC SPECIALTY PRODUCTS
PRODUCT/CUSTOMER SALES REPORT

DOMESTIC SALES
DIRECT #2
06/30/75

-IN THOUSANDS OF DOLLARS-

50 G HP	NAME OF PRODUCT/CUSTOMER	POTENTIAL	LAST YEAR SALES	SALES FOR CUR. YEAR	CUM. YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	CUSTOMER MAR. GPO. CO.
	TRANSFORMER PVT. AIL. 11500-3																	1050-502-
	HOUSING, SANTA CLARA CALIF.																	60145020
	HOUSING, SPECIAL-ELI. BETH NJ																	00300370
	HA. RT CURT. 1.11-4000000 COMP S																	900007147
	ARMATURE FREIGHT.																	999999999
	TOTAL PRODUCT * * * * * LB	517	1243	825	302	187	106	236	175	130	29	60	38	46	161	180	120	1050-107-
	5 101 CLASS TRANSFORMER FLUI LC	5873	13064	14519	8160	1955	1353	1523	1422	1165	883	890	1515	835	1219	1244	1600	
	10 101 PG DIELECTRIC CAPACITOR LB	12244	35964	31696	14860	3000	2659	2765	2394	2396	1607	2661	3421	2424	2023	2649	2802	
	11 TOTAL DIRECTOR * * * * * LB	4538	76636	11584	2053	1152	666	1687	4324	4114	3356	972	7062	5298	6696	1000	5366	
		67632	74023	74023	5726	5726	6663	4114	4114	4114	3356	6454	7062	5298	6696	5255	5366	
		35370	36223	36223	2904	2904	2904	2904	2023	2023	2023	2617	2621	2621	2621	2793		

EXHIBIT J

PRODUCTS CONTAINING POLYCHLORINATED
BIPHENYLS AND/OR POLYCHLORINATED
TERPHENYLS

MONSANTO COMPANY USAGE

1971

<u>Product</u>	<u>Amount</u> (Pounds)	<u>Source</u>
Interteen 54201KA	700	Sauget, Ill.
Pydraul AC	200	St. Louis, Mo.
Pydraul AC-A	5300	St. Louis, Mo.
Pydraul 135	900	St. Louis, Mo.
Pydraul 150	2000	St. Louis, Mo.
Pydraul 150A	1500	St. Louis, Mo.
Therminol FR-O (Low Temp.)	45600	Sauget, Ill.
Therminol FR-O	2400	Sauget, Ill.
Therminol FR-1	13400	Sauget, Ill.

1972

Pydraul 135A	3700	St. Louis, Mo.
Therminol FR-1	1200	Sauget, Ill.

No Monsanto Company usage in 1973, 1974 or 1975.

